

Rec'd PCT/TO 03 FEB 2005

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107523744 PN0260-PCT

PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.07.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Norwegian Patent Office (RO/NO)
0-7	Applicant's or agent's file reference	PN0260-PCT
I	Title of invention	ADAPTER
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	AMERSHAM HEALTH AS
II-5	Address:	Intellectual Property Dept. Nycoveien 1-2 P.O. Box 4220 Nydalen N-0401 Oslo Norway
II-6	State of nationality	NO
II-7	State of residence	NO
II-8	Telephone No.	+47 23 18 50 50
II-9	Facsimile No.	+47 23 18 60 19
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	BROWNE, Martin, M.
III-1-5	Address:	Amersham Health AS Nycoveien 1-2 P.O. Box 4220 Nydalen N-0401 Oslo Norway
III-1-6	State of nationality	GB
III-1-7	State of residence	NO

IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	WULFF, Marianne, Weiby
IV-1-2	Address:	Amersham Health AS Nycoveien 1-2 P.O. Box 4220 Nydalen N-0401 Oslo Norway
IV-1-3	Telephone No.	+47 23 18 55 42
IV-1-4	Facsimile No.	+47 23 18 60 19
IV-1-5	e-mail	marianne.weiby.wulff@amersham.com
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	AABY, Anders, Christian; FLECHSLER, Insa; HELGE, Tove, Aas; THORESEN, Liv-Heidi
V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

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V-5	Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	07 August 2002 (07.08.2002)
VI-1-2	Number	20023724
VI-1-3	Country	NO
VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-
IX	Check list	number of sheets electronic file(s) attached
IX-1	Request (including declaration sheets)	4 -
IX-2	Description	13 -
IX-3	Claims	2 -
IX-4	Abstract	1 EZABST00.TXT
IX-5	Drawings	10 -
IX-7	TOTAL	30

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	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	<i>Marianne W. Wulff</i>	
X-1-1	Name (LAST, First)	WULFF, Marianne, Weiby	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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PCT (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only	
0-1	International Application No.	
0-2	Date stamp of the receiving Office	
0-4	Form - PCT/RO/101 (Annex) PCT Fee Calculation Sheet	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.07.2003)
0-9	Applicant's or agent's file reference	PN0260-PCT
2	Applicant	AMERSHAM HEALTH AS, et al.
12	Calculation of prescribed fees	fee amount/multiplier Total amounts (NOK)
12-1	Transmittal fee T	⇒ 500
12-2-1	Search fee S	⇒ 7 070
12-2-2	International search to be carried out by	EP
12-3	International fee	
	Basic fee	
	(first 30 sheets) b1	3 560
12-4	Remaining sheets	0
12-5	Additional amount (X)	80
12-6	Total additional amount b2	0
12-7	b1 + b2 = B	3 560
12-8	Designation fees	
	Number of designations contained in international application	97
12-9	Number of designation fees payable (maximum 5)	5
12-10	Amount of designation fee (X)	770
12-11	Total designation fees D	3 850
12-12	PCT-EASY fee reduction R	-1 090
12-13	Total International fee (B+D-R) I	⇒ 6 320
12-14	Fee for priority document	
	Number of priority documents requested	1
12-15	Fee per document (X)	300
12-16	Total priority document fee P	⇒ 300
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒ 14 190
12-19	Mode of payment	bank draft

VALIDATION LOG AND REMARKS

PCT (ANNEX - FEE CALCULATION SHEET)

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13-2-7	Validation messages Contents	Yellow! The power of attorney or a copy of the general power of attorney will need to be furnished unless all applicants sign the request form.
		Green? Figure of the drawings which should accompany the abstract not specified. Please verify.

Administration by injection or infusion to patients of an injectable liquid for diagnostic or therapeutic purposes is provided by a syringe adapter connectable with an automatic syringe pump and a syringe containing contents to be dispensed. The syringe adapter includes an adapter body receivable by the syringe pump, a syringe retainer for retaining the syringe, and a syringe driver for agitating the contents of the syringe. More particularly the invention relates to an adapter connectable with a syringe pump and methods for delivery of an injectable liquid using such adapter. By connecting an adapter according to the invention to a syringe and a syringe pump, rotation of the syringe is achieved and homogeneity of the injectable is preserved. Particularly, the injectable liquid is an ultrasound contrast agent comprising an aqueous dispersion of gas-filled microbubbles or of particulate matter.